



EQUIVALENT MOOCs - ODD SEMESTER, JULY-DEC 2021, AY 2021-22

S.No	Course Code	Course Name	EQUIVALENT COURSES OFFERED BY								
			SWAYAM-NPTEL			COURSERA / UDEMY			SPOKEN TUTORIAL - IITB		
MINOR COMPULSORY COURSES			Course Name	C	Course Dates*	Course Name	C	Course Dates*	Course Name	C	Course Dates*
1	U18MME1001	Thermodynamics	<i>Concept of thermodynamics</i>	3	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
2	U18MME1002	Mechanics of Solids	<i>Strength of materials</i>	3	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
3	U18MME1003	Fundamentals of Manufacturing Processes	<i>Fundamentals of Manufacturing Processes</i>	3	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
MINOR ELECTIVE COURSES											
4	U18MME1004	Steam Power Engineering	<i>Steam power engineering</i>	2	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
5	U18MME1005	Fluid Mechanics and Machinery	<i>Fluid dynamics &amp; turbo machines</i>	2	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
6	U18MME1006	Heat Transfer	<i>Heat transfer</i>	3	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
7	U18MME1007	IC Engines and Gas Turbines	---	-	CCD: LDR:	--	-	CCD: LDR:	--	-	CCD: LDR:
8	U18MME1008	Refrigeration and Air Conditioning	<i>Refrigeration and Air Conditioning</i>	2	CCD: 26-07-2021 LDR: 02-08-2021	--	-	CCD: LDR:	--	-	CCD: LDR:
9	U18MME1009	Design of Machine Elements	--	-	CCD: LDR:	--	-	CCD: LDR:	--	-	CCD: LDR:
10	U18MME1010	Kinematics of Machinery	--	-	CCD: LDR:	--	-	CCD: LDR:	--	-	CCD: LDR:

11	U18MME1011	Dynamics of Machinery	--		CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
12	U18MME1012	Automobile Engineering	--		CCD:	--	-	CCD:	--	-	CCD:
					LDR:			LDR:			LDR:
13	U18MME1013	Finite Element Methods	<i>Basics of finite element analysis-1</i>	2	CCD: 26-07-2021	--	-	CCD:	--	-	CCD:
					LDR: 02-08-2021			LDR:			LDR:
14	U18MME1014	Material Science and Metallurgy	<i>Basics of Materials Engineering</i>	3	CCD: 26-07-2021	--		CCD:	--		CCD:
					LDR: 02-08-2021			LDR:			LDR:
15	U18MME1015	Machine Tool Technology	--		CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:
16	U18MME1016	Engineering Metrology	<i>Engineering Metrology</i>	3	CCD: 26-07-2021	--		CCD:	--		CCD:
					LDR: 02-08-2021			LDR:			LDR:
17	U18MME1017	Production Management	<i>Work System Design</i>	3	CCD: 26-07-2021	--		CCD:	--		CCD:
					LDR: 02-08-2021			LDR:			LDR:
18	U18MME1018	Quality Management	--		CCD:	--		CCD:	--		CCD:
					LDR:			LDR:			LDR:

- I. In exigency situations such as the student already completed the listed compulsory courses(s) on his/her own interest during previous semesters through valid MOOCs etc, the HoD in consultation with Dean-AA shall propose an alternative course(s) for the specific scenario, after verification of relevant documents.
- II. By the end of April of every academic year, the department in consultation with Dean-AA, shall
- notify the list of equivalent courses in SWAYAM-NPTEL MOOCs / other standard MOOCs against the list of courses notified under Honours curriculum
  - propose a new course(s) in the place of any listed course(s) in the Honours curriculum, in case no equivalent course is found in MOOCs

\*C: Credits; CCD: Course Commencement Date; LDR: Last Date of Registration

-	<b>Minor Laboratory Courses</b>	<b>Laboratory Courses ( any 2 courses ) - TO BE TAKEN IN THE MINOR DEPARTMENT</b>		
19		U18MME1019	Thermal Engineering Laboratory	<b>2 credits</b>
20		U18MME1020	Design Engineering Laboratory	
21		U18MME1021	Production Engineering Lab	
<i>Total Credits to be earned</i>				<b>18+2</b>

Date: 22.06.2021

Sd/-  
Sri.S.Chandramouli & Ms.P.Divya  
MOOCs Coordinator

Sd/-  
Dr.K.Sridhar  
Head of the Department

Dean, Academic Affairs